

[54] **OPTICAL INTRUSION ALARM SYSTEM**

[75] Inventors: **Gabor Schlisser**, Tenafly; **Julius R. Insler**, Bergenfield, both of N.J.

[73] Assignee: **Holobeam, Inc.**, Paramus, N.J.

[22] Filed: **Oct. 27, 1971**

[21] Appl. No.: **192,926**

[52] U.S. Cl. **340/258 B**, 250/221, 340/276

[51] Int. Cl. **G08b 13/18**

[58] Field of Search 340/258 B, 228 S;
250/221

[56] **References Cited**

UNITED STATES PATENTS

3,235,738 2/1966 Kress et al. 340/258 B

Primary Examiner—David L. Trafton

Attorney—Sandoe, Hopgood & Calimafde

[57]

ABSTRACT

An intrusion alarm system comprises a pair of light sources which produce overlapping light beams that effectively cover the entire area being protected. When either of the beams is interrupted by an intrusion, an alarm is caused to be actuated. In the embodiment of the invention here described, one of the light sources acts as a master unit directed toward a first array of detectors and the second light source directed at a second array of detectors acts as a transponder unit. When each of the detectors in the first array receives light from the master unit, the second source is turned on. The alarm is actuated whenever one of the second array of detectors fails to receive a light beam from the transponder unit.

5 Claims, 3 Drawing Figures

